CLAIMS

1. An image processing method which uses an image processing apparatus for receiving color image data so as to store the data into a storage section and then performing the output processing of the color image data stored in said storage section, said method comprising the steps of:

authenticating the requestor of the output processing of the received color image data;

extracting a specific color portion of the received color image data, when the authentication is not completed; and

stopping the output of the extracted specific color portion.

2. An image processing method which uses an image processing apparatus for receiving color image data so as to store the data into a storage section and then performing the output processing of the color image data stored in said storage section, said method comprising the steps of:

authenticating the requestor of the output processing of the received color image data;

extracting a specific color portion of the received color image data; and

stopping the output of the extracted specific color portion, when the authentication is not completed.

3. An image processing method which uses an image processing apparatus for receiving color image data so as to store the data into a storage section and then performing the output processing of the color image data stored in said storage section or alternatively the output processing with the exclusion of a specific color, said method comprising the steps of:

acquiring specific color information concerning the specific color of the received color image data;

authenticating the requestor of the output processing of the color image data the specific color information of which is acquired;

extracting a specific color portion of the received color image data, when the authentication is failed; and

stopping the output of the extracted specific color portion.

4. An image processing method which uses an image processing apparatus for receiving color image data so as to store the data into a storage section and then performing the output processing of the color image data stored in said storage section or alternatively the output processing with the exclusion of a specific color, said method comprising the steps of:

acquiring specific color information concerning the specific color of the received color image data;

authenticating the requestor of the output processing of the color image data the specific color information of which is acquired;

extracting a specific color portion of the received color image

data; and

stopping the output of the extracted specific color portion, when the authentication is failed.

5. An image processing apparatus for receiving color image data so as to store the data into a storage section and then performing the output processing of the color image data stored in said storage section, said apparatus comprising:

an authenticating section for authenticating the requestor of the output processing of the received color image data;

an extracting section for extracting a specific color portion of the received color image data, when the authentication is not completed in said authenticating section; and

an output stopping section for stopping the output of the specific color portion extracted by said extracting section.

6. An image processing apparatus for receiving color image data so as to store the data into a storage section and then performing the output processing of the color image data stored in said storage section, said apparatus comprising:

an authenticating section for authenticating the requestor of the output processing of the received color image data;

an extracting section for extracting a specific color portion of the received color image data; and

an output stopping section for stopping the output of the

specific color portion extracted by said extracting section, when the authentication is not completed in said authenticating section.

7. An image processing apparatus for receiving color image data so as to store the data into a storage section and then performing the output processing of the color image data stored in said storage section, said apparatus comprising:

an instruction receiving section for receiving an output instruction or an output stop instruction for a specific color portion of the received color image data;

an extracting section for extracting the specific color portion of the received color image data, when said instruction receiving section receives the output stop instruction; and

an output stopping section for stopping the output of the specific color portion extracted by said extracting section.

8. An image processing apparatus for receiving color image data so as to store the data into a storage section and then performing the output processing of the color image data stored in said storage section, said apparatus comprising:

an instruction receiving section for receiving an output instruction or an output stop instruction for a specific color portion of the received color image data;

an extracting section for extracting the specific color portion of the received color image data; and

an output stopping section for stopping the output of the specific color portion extracted by said extracting section, when said instruction receiving section receives the output stop instruction.

9. An image processing apparatus according to claim 5, wherein

said storage section comprises: a semiconductor storage device for storing the specific color portion of the received image data; and a magnetic storage device for storing a non-specific color portion other than the specific color portion of the received image data.

10. An image processing apparatus according to claim 6, wherein

said storage section comprises: a semiconductor storage device for storing the specific color portion of the received image data; and a magnetic storage device for storing a non-specific color portion other than the specific color portion of the received image data.

11. An image processing apparatus according to claim 7, wherein

said storage section comprises: a semiconductor storage device for storing the specific color portion of the received image data; and a magnetic storage device for storing a non-specific color

portion other than the specific color portion of the received image data.

12. An image processing apparatus according to claim 8, wherein

said storage section comprises: a semiconductor storage device for storing the specific color portion of the received image data; and a magnetic storage device for storing a non-specific color portion other than the specific color portion of the received image data.

13. An image processing apparatus according to claim 5, further comprising

a deleting section for deleting the specific color portion which is stored in said storage section and the output processing of which is completed, once the output processing is completed.

14. An image processing apparatus according to claim 6, further comprising

a deleting section for deleting the specific color portion which is stored in said storage section and the output processing of which is completed, once the output processing is completed.

15. An image processing apparatus according to claim 7, further comprising

a deleting section for deleting the specific color portion which is stored in said storage section and the output processing of which is completed, once the output processing is completed.

16. An image processing apparatus according to claim 8, further comprising

a deleting section for deleting the specific color portion which is stored in said storage section and the output processing of which is completed, once the output processing is completed.

17. An image processing apparatus according to claim 5, further comprising

an encrypting section for encrypting the specific color portion to be stored into said storage section.

18. An image processing apparatus according to claim 6, further comprising

an encrypting section for encrypting the specific color portion to be stored into said storage section.

19. An image processing apparatus according to claim 7, further comprising

an encrypting section for encrypting the specific color portion to be stored into said storage section.

20. An image processing apparatus according to claim 8, further comprising

an encrypting section for encrypting the specific color portion to be stored into said storage section.

21. An image processing apparatus according to claim 5, further comprising

a specific color reception section for receiving the specification of a specific color.

22. An image processing apparatus according to claim 6, further comprising

a specific color reception section for receiving the specification of a specific color.

23. An image processing apparatus according to claim 7, further comprising

a specific color reception section for receiving the specification of a specific color.

24. An image processing apparatus according to claim 8, further comprising

a specific color reception section for receiving the specification of a specific color.

25. An image processing apparatus according to claim 5, wherein

a plurality of colors are used as said specific color.

26. An image processing apparatus according to claim 6, wherein

a plurality of colors are used as said specific color.

27. An image processing apparatus according to claim 7, wherein

a plurality of colors are used as said specific color.

28. An image processing apparatus according to claim 8, wherein

a plurality of colors are used as said specific color.

29. An image processing apparatus according to claim 25, wherein

importance levels are set for said specific colors.

30. An image processing apparatus according to claim 26, wherein

importance levels are set for said specific colors.

31. An image processing apparatus according to claim 27,

wherein

importance levels are set for said specific colors.

32. An image processing apparatus according to claim 28, wherein

importance levels are set for said specific colors.

33. An image processing apparatus according to claim 5, wherein

said specific color portion is a character portion in a specific color.

34. An image processing apparatus according to claim 6, wherein

said specific color portion is a character portion in a specific color.

35. An image processing apparatus according to claim 7, wherein

said specific color portion is a character portion in a specific color.

36. An image processing apparatus according to claim 8, wherein

said specific color portion is a character portion in a specific

color.

37. An image processing apparatus according to claim 5, wherein

said specific color portion is a graphics portion containing a specific color.

38. An image processing apparatus according to claim 6, wherein

said specific color portion is a graphics portion containing a specific color.

39. An image processing apparatus according to claim 7, wherein

said specific color portion is a graphics portion containing a specific color.

40. An image processing apparatus according to claim 8, wherein

said specific color portion is a graphics portion containing a specific color.

41. An image processing apparatus according to claim 5, wherein

said output stopping section replaces the specific color

portion with a predetermined mark.

42. An image processing apparatus according to claim 6, wherein

said output stopping section replaces the specific color portion with a predetermined mark.

43. An image processing apparatus according to claim 7, wherein

said output stopping section replaces the specific color portion with a predetermined mark.

44. An image processing apparatus according to claim 8, wherein

said output stopping section replaces the specific color portion with a predetermined mark.

45. An image processing apparatus according to claim 5, further comprising

a notifying section for notifying the output stop of the specific color portion, when the output of the specific color portion is stopped.

46. An image processing apparatus according to claim 6, further comprising

a notifying section for notifying the output stop of the specific color portion, when the output of the specific color portion is stopped.

47. An image processing apparatus according to claim 7, further comprising

a notifying section for notifying the output stop of the specific color portion, when the output of the specific color portion is stopped.

48. An image processing apparatus according to claim 8, further comprising

a notifying section for notifying the output stop of the specific color portion, when the output of the specific color portion is stopped.

49. An image processing apparatus for receiving color image data so as to store the data into a storage section and then performing output processing including the transmission of the color image data stored in said storage section, said apparatus comprising:

a destination storing section for storing a destination to which the transmission of a specific color portion of the received color image data is allowed;

an extracting section for extracting the specific color portion

of the received color image data, when the destination of the received color image data is not stored in said destination storing section; and

an output stopping section for stopping the output of the specific color portion extracted by said extracting section.

50. An image processing apparatus for receiving color image data so as to store the data into a storage section and then performing output processing including the transmission of the color image data stored in said storage section, said apparatus comprising:

a destination storing section for storing a destination to which the transmission of a specific color portion of the received color image data is allowed;

an extracting section for extracting the specific color portion of the received color image data; and

an output stopping section for stopping the output of the specific color portion extracted by said extracting section, when the destination of the received color image data is not stored in said destination storing section.

51. An image processing apparatus according to claim 5, wherein

said output processing includes the transmission of the image data, and wherein

said apparatus further comprises an encrypting section for encrypting the specific color portion of the image data to be transmitted.

52. An image processing apparatus according to claim 6, wherein

said output processing includes the transmission of the image data, and wherein

said apparatus further comprises an encrypting section for encrypting the specific color portion of the image data to be transmitted.

53. An image processing apparatus according to claim 7, wherein

said output processing includes the transmission of the image data, and wherein

said apparatus further comprises an encrypting section for encrypting the specific color portion of the image data to be transmitted.

54. An image processing apparatus according to claim 8, wherein

said output processing includes the transmission of the image data, and wherein

said apparatus further comprises an encrypting section for

encrypting the specific color portion of the image data to be transmitted.

55. An image processing apparatus according to claim 49, wherein

said output processing includes the transmission of the image data, and wherein

said apparatus further comprises an encrypting section for encrypting the specific color portion of the image data to be transmitted.

56. An image processing apparatus according to claim 50, wherein

said output processing includes the transmission of the image data, and wherein

said apparatus further comprises an encrypting section for encrypting the specific color portion of the image data to be transmitted.

57. An image processing apparatus according to claim 5, further comprising

a transmitting section for transmitting specific color information concerning the specific color.

58. An image processing apparatus according to claim 6,

further comprising

a transmitting section for transmitting specific color information concerning the specific color.

59. An image processing apparatus according to claim 7, further comprising

a transmitting section for transmitting specific color information concerning the specific color.

60. An image processing apparatus according to claim 8, further comprising

a transmitting section for transmitting specific color information concerning the specific color.

61. An image processing apparatus according to claim 49, further comprising

a transmitting section for transmitting specific color information concerning the specific color.

62. An image processing apparatus according to claim 50, further comprising

a transmitting section for transmitting specific color information concerning the specific color.

63. An image processing apparatus for receiving color image

data so as to store the data into a storage section and then performing the output processing of the color image data stored in said storage section or alternatively the output processing with the exclusion of a specific color, said apparatus comprising:

an acquiring section for acquiring specific color information concerning the specific color of the received color image data;

an authenticating section for authenticating the requestor of the output processing of the color image data the specific color information of which is acquired by said acquiring section;

an extracting section for extracting a specific color portion of the received color image data, when the authentication is failed in said authenticating section; and

an output stopping section for stopping the output of the specific color portion extracted by said extracting section.

64. An image processing apparatus for receiving color image data so as to store the data into a storage section and then performing the output processing of the color image data stored in said storage section or alternatively the output processing with the exclusion of a specific color, said apparatus comprising:

an acquiring section for acquiring specific color information concerning the specific color of the received color image data;

an authenticating section for authenticating the requestor of the output processing of the color image data the specific color information of which is acquired by said acquiring section;

an extracting section for extracting a specific color portion of the received color image data; and

an output stopping section for stopping the output of the specific color portion extracted by said extracting section, when the authentication is failed in said authenticating section.

65. An image processing apparatus for receiving color image data so as to store the data into a storage section and then performing output processing including the transmission of the color image data stored in said storage section or alternatively the transmission with the exclusion of a specific color, said apparatus comprising:

an acquiring section for acquiring specific color information concerning the specific color of the received color image data;

a destination storing section for storing a destination to which the transmission of the specific color portion of the received color image data is allowed;

a determining section for determining whether the destination of the color image data the specific color information of which is acquired by said acquiring section is stored in said destination storing section or not;

an extracting section for extracting the specific color portion of the received color image data, when said determining section determines that the destination of the color image data is not stored in said destination storing section; and

an output stopping section for stopping the output of the specific color portion extracted by said extracting section.

66. An image processing apparatus for receiving color image data so as to store the data into a storage section and then performing output processing including the transmission of the color image data stored in said storage section or alternatively the transmission with the exclusion of a specific color, said apparatus comprising:

an acquiring section for acquiring specific color information concerning the specific color of the received color image data;

a destination storing section for storing a destination to which the transmission of the specific color portion of the received color image data is allowed;

a determining section for determining whether the destination of the color image data the specific color information of which is acquired by said acquiring section is stored in said destination storing section or not;

an extracting section for extracting the specific color portion of the received color image data; and

an output stopping section for stopping the output of the specific color portion extracted by said extracting section, when said determining section determines that the destination of the color image data is not stored in said destination storing section.

67. An image processing apparatus according to claim 63, wherein

said specific color information is added to the received image data, while said acquiring section acquires the specific color information added to the received image data.

68. An image processing apparatus according to claim 64, wherein

said specific color information is added to the received image data, while said acquiring section acquires the specific color information added to the received image data.

69. An image processing apparatus according to claim 65, wherein

said specific color information is added to the received image data, while said acquiring section acquires the specific color information added to the received image data.

70. An image processing apparatus according to claim 66, wherein

said specific color information is added to the received image data, while said acquiring section acquires the specific color information added to the received image data.

71. An image processing apparatus according to claim 63,

wherein

a plurality of colors are used as said specific color.

72. An image processing apparatus according to claim 64, wherein

a plurality of colors are used as said specific color.

73. An image processing apparatus according to claim 65, wherein

a plurality of colors are used as said specific color.

74. An image processing apparatus according to claim 66, wherein

a plurality of colors are used as said specific color.

75. An image processing apparatus according to claim 71, wherein

importance levels are set for said specific colors.

76. An image processing apparatus according to claim 72, wherein

importance levels are set for said specific colors.

77. An image processing apparatus according to claim 73, wherein

importance levels are set for said specific colors.

78. An image processing apparatus according to claim 74, wherein

importance levels are set for said specific colors.

79. An information processing apparatus for transmitting image data to the image processing apparatus according to claim 5, said information processing apparatus comprising:

a reception section for receiving specific color information concerning a specific color; and

a converting section for converting into said specific color a predetermined color in the image data to be transmitted to said image processing apparatus.

80. An information processing apparatus for transmitting image data to the image processing apparatus according to claim 6, said information processing apparatus comprising:

a reception section for receiving specific color information concerning a specific color; and

a converting section for converting into said specific color a predetermined color in the image data to be transmitted to said image processing apparatus.

81. An information processing apparatus for transmitting

image data to the image processing apparatus according to claim 7, said information processing apparatus comprising:

a reception section for receiving specific color information concerning a specific color; and

a converting section for converting into said specific color a predetermined color in the image data to be transmitted to said image processing apparatus.

82. An information processing apparatus for transmitting image data to the image processing apparatus according to claim 8, said information processing apparatus comprising:

a reception section for receiving specific color information concerning a specific color; and

a converting section for converting into said specific color a predetermined color in the image data to be transmitted to said image processing apparatus.

83. An information processing apparatus for transmitting image data to the image processing apparatus according to claim 49, said information processing apparatus comprising:

a reception section for receiving specific color information concerning a specific color; and

a converting section for converting into said specific color a predetermined color in the image data to be transmitted to said image processing apparatus.

84. An information processing apparatus for transmitting image data to the image processing apparatus according to claim 50, said information processing apparatus comprising:

a reception section for receiving specific color information concerning a specific color; and

a converting section for converting into said specific color a predetermined color in the image data to be transmitted to said image processing apparatus.

85. An information processing apparatus for transmitting image data to the image processing apparatus according to claim 63, wherein

said information processing apparatus comprises a reception section for receiving specific color information concerning a specific color of the image data to be transmitted, and wherein

said information processing apparatus transmits: the image data; and the specific color information received by said reception section.

86. An information processing apparatus for transmitting image data to the image processing apparatus according to claim 64, wherein

said information processing apparatus comprises a reception section for receiving specific color information concerning a specific

color of the image data to be transmitted, and wherein

said information processing apparatus transmits: the image data; and the specific color information received by said reception section.

87. An information processing apparatus for transmitting image data to the image processing apparatus according to claim 65, wherein

said information processing apparatus comprises a reception section for receiving specific color information concerning a specific color of the image data to be transmitted, and wherein

said information processing apparatus transmits: the image data; and the specific color information received by said reception section.

88. An information processing apparatus for transmitting image data to the image processing apparatus according to claim 66, wherein

said information processing apparatus comprises a reception section for receiving specific color information concerning a specific color of the image data to be transmitted, and wherein

said information processing apparatus transmits: the image data; and the specific color information received by said reception section.

89. An information processing apparatus according to claim 85, further comprising

an adding section for adding the specific color information received by said reception section to the image data to be transmitted, wherein

said information processing apparatus transmits the image data to which the specific color information is added by said adding section.

90. An information processing apparatus according to claim 86, further comprising

an adding section for adding the specific color information received by said reception section to the image data to be transmitted, wherein

said information processing apparatus transmits the image data to which the specific color information is added by said adding section.

91. An information processing apparatus according to claim 87, further comprising

an adding section for adding the specific color information received by said reception section to the image data to be transmitted, wherein

said information processing apparatus transmits the image data to which the specific color information is added by said adding

section.

92. An information processing apparatus according to claim 88, further comprising

an adding section for adding the specific color information received by said reception section to the image data to be transmitted, wherein

said information processing apparatus transmits the image data to which the specific color information is added by said adding section.